Exhibit Name: Premium Calculation			
Exhibit Number: P11-5, Plan 47		**Reinsurance Year:** 2011	
Record Name: Acreage		**Version:** Approved	
Record Code: P11		**Release Date:** 6/30/2010	

Insurance Plan Code	47 Actual Revenue History
Commodity Code 0057 Cherry	0215 Navel Oranges

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Liability Calculation							
Acre Guarantee Quantity =	Approved Yield * Yield Index Factor * Coverage Level Percent * Price Election Percent * Insured Share Percent	Acre Guarantee Quantity	P11	99	99999999.99	Round to whole number.	
		Approved Yield	P11	47	99999999.99	None	
		Yield Index Factor	P11	61	9.999	None	
		Coverage Level Percent	P14	33	9.9999	None	
		Price Election Percent	ICE		9.9999	None	Edit with ICE Price Election Percent, "D00007".
		Insured Share Percent	P11	48	9.999	None	
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage		Total Guarantee Amount	P11	96	99999999.99	Round to whole number.	
		Reported Acreage	P11	52	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.
Liability Amount = Total Guarantee Amount		Liability Amount	P11	87	9999999999	Round to whole number.	
Unadjusted Approved Revenue Amount = Yield Index Factor * Rate Yield		Unadjusted Approved Revenue Amount	Internal		99999999.99	Round to 2 decimals.	
		Yield Index Factor	P11	61	9.999	None	
		Rate Yield	P15	38	99999999.99	None	
Section 2: Base Premium Rate Calculation							
Current Year Yield Ratio = Rate Yield / Reference Yield		Current Year Yield Ratio	Internal		9999999.99	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
		Rate Yield	P15	38	99999999.99	None	
		Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".
Current Year Rate Multiplier = Current Year Yield Ratio ^ Exponent Value		Current Year Rate Multiplier	Internal		9999.99999999	Round to 8 decimals.	
		Exponent Value	ADM		S99.999	None	Edit with ADM Base Rate, "A01010".

Exhibit Name:	Premium Calculation		
Exhibit Number:	P11-5, Plan 47	Reinsurance Year:	2011
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Insurance Plan Code		47 Actual Revenue History	
Commodity Code	0057 Cherry	0215 Navel Oranges	

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Current Year Base Rate =	**When Rate Method Code equals Fixed Rate "F":** Sub County Rate	Current Year Base Rate	Internal		9999999999.99999	Round to 8 decimals.	
	When Rate Method Code equals Additive "A": Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Sub County Rate	ADM		99.9999	None	Edit with ADM Sub County Rate, "A01050".
	When Rate Method Code equals Multiplicative "M": Sub County Rate * (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
	Otherwise: Current Year Rate Multiplier * Reference Rate + Fixed Rate	Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
Current Year Base Premium Rate =	Current Year Base Rate * Rate Differential Factor * Unit Residual Factor	Current Year Base Premium Rate	Internal		9999999999.99999	Round to 8 decimals.	
		Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".
		Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040".
Base Premium Rate = MIN (Current Year Base Premium Rate, or .999)		Base Premium Rate	P11	90	9.99999999	Round to 8 decimals.	Edit with ADM Base Rate, "A01010".
Section 3: Optional Coverage Calculation							
Multiplicative Optional Rate Adjustment Factor =	**When Rate Method Code equals Multiplicative, "M":** Product (Option Rate(s))	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
		Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".

Exhibit Name: Premium Calculation						
Exhibit Number: P11-5, Plan 47			**Reinsurance Year:** 2011			
Record Name: Acreage			**Version:** Approved			
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Insurance Plan Code	47 Actual Revenue History
Commodity Code 0057 Cherry	0215 Navel Oranges

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 4: Total Premium, Subsidy, and Producer Premium Calculation							
Total Premium Amount	= Liability Amount * Base Premium Rate * Multiplicative Optional Rate Adjustment Factor * Unit Structure Discount Factor.	Total Premium Amount	P11	88	9999999999	Round to whole number.	
		Unit Structure Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "OU", then Unit Structure Discount Factor equals Optional Unit Discount Factor. When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor.
Subsidy Amount = Total Premium Amount * Subsidy Percent		Subsidy Amount	P11	86	9999999999	Round to whole number.	
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount = Total Premium Amount - Subsidy Amount		Producer Premium Amount	P11	89	9999999999	Round to whole number.	